GENERAL NOTES

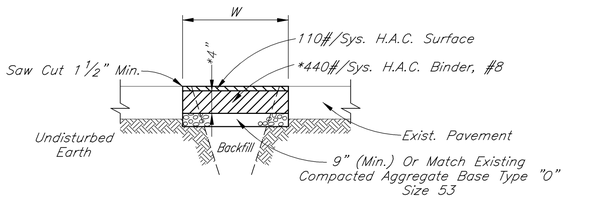
1.) Trench Backfill Within Streets, Alleys Or Sidewalks Shall Be Type I Or Type II As Shown.

2.) Type II Backfill May Be Used If The Trench Has Adequate Space To Allow Entrance Of Proper Equipment And Materials To Achieve The Required 95% Compaction.

3.) The Street Commissioner Shall Have The Authority To Require Type I Trench Backfill When, In His Opinion, Minimum Compaction Cannot Be Obtained.

4.) The Contractor Shall Notify The Street Commissioner At Least 24 Hours Prior To Beginning Backfill Of Excavation. If The Permanent Patch Placement Is To Be A Separate Operation, The Contractor Shall Also Notify The Street Commissioner 24 Hours Prior To Placement Of Patch.

5.) The Contractor Shall Be Responsible To Maintain And Repair Any And All Open Cuts Permitted Within The City Of Lebanon For A Period Of One Year Upon Final Acceptance By The City.



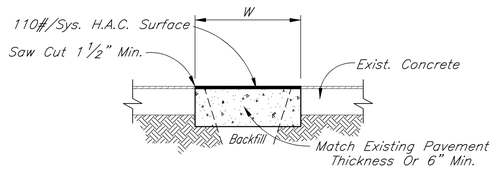
* If Existing Pavement Is Thicker Than 5", Additional Binder Is To Be Used To Match The Existing Pavement Thickness.

NOTES

1. Saw Cuts Shall Provide A Vertical, Neat And Uniform Edge.
2. All Materials Shall Comply With Specifications As Required By The City.
3. The Existing Vertical Edge Of Pavement Is To Be Tack Coated Prior To The Laying Of New Asphalt. Tack Coat Is To Be Applied As Specified In The Latest Standard INDOT Specifications, Sections 409 And 902.
4. The New Surface Pavement Grade Shall Match The Existing Surface Pavement Grade.
5. A 2 (Two) Inch Wide Band Of Crack Sealant Is To Be Applied Along The Joint Between The Existing And New Asphalt Surface. Sealant Is To Be Applied In Accordance With INDOT Specifications, Section 305.
6. Refer To Pavement Restoration Table For W.

BITUMINOUS PATCH

Scale: None



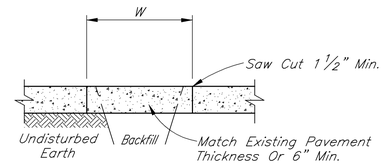
NOTES

1. Saw Cuts Shall Provide A Vertical, Neat And Uniform Edge.
2. All Materials Shall Comply With Specifications As Required By The City.
3. Concrete Surface Shall Be Broom Finish At Right Angles To Traffic Flow.
4. All Concrete Shall Be Air Entrained–6 Bags Per Cubic Yard Minimum 4000 PSI Concrete.
5. Contractor Shall Contact The Lebanon Street Commissioner To Determine If Anchors Are Required On Existing Concrete Pavement Repairs.
6. The Concrete Pavement And The Existing Vertical Edge Of Pavement Are To Be Tack Coated Prior To The Laying Of New Asphalt. Tack Coat Is To Be Applied As Specified In The Latest Standard INDOT Specifications, Sections 409 And 902.
7. The New Surface Pavement Grade Shall Match The Existing Surface Pavement Grade.
8. A 2 (Two) Inch Wide Band Of Crack Sealant Is To Be Applied Along The Joint Between The Existing And New Asphalt Surface. Sealant Is To Be Applied In Accordance With INDOT Specifications, Section 305.
9. Refer To Pavement Restoration Table For W.

CONCRETE W/ BITUMINOUS SURFACE PATCH

Scale: None

FOR CUTS WITHIN BITUMINOUS STREETS



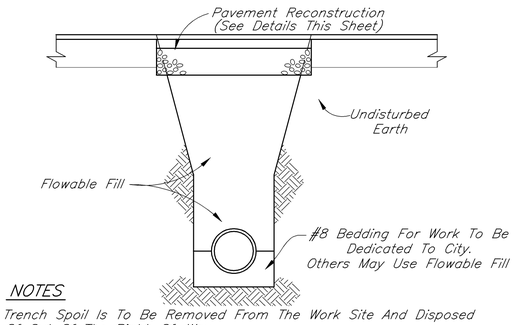
NOTES

1. Saw Cuts Shall Provide A Vertical, Neat And Uniform Edge.
2. All Materials Shall Comply With Specifications As Required By The City.
3. Surface Of Repair Shall Be Broom Finish At Right Angles To Traffic Flow.
4. All Concrete Shall Be Air Entrained–6 Bags Per Cubic Yard Minimum 4000 PSI Concrete.
5. Contractor Shall Contact The Lebanon Street Commissioner To Determine If Anchors Are Required On Existing Concrete Pavement Repairs.
6. Refer To Pavement Restoration Table For W.

CONCRETE PATCH

Scale: None

FOR CUTS WITHIN CONCRETE STREETS

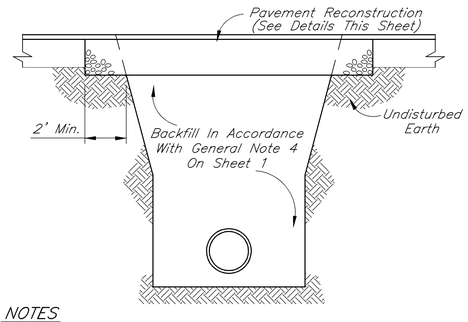


NOTES

1. Trench Spoil Is To Be Removed From The Work Site And Disposed Of Out Of The Right–Of–Way.
2. Flowable Fill Is To Be Poured Into The Trench To Serve As Backfill, To The Dimensions And Specifications Listed In This Detail.
3. The Flowable Fill Mix Shall Have Been Previously Reviewed And Approved By The Street Commissioner.
4. The Compressive Strength Of The Flowable Fill Shall Not Be Less Than 50 PSI Nor Greater Than 100 PSI At 28 Days.
5. When Type I Trench Backfill Is Used, The Existing Paved Surface Is Not Required To Be Over–Cut 2 Feet Minimum Each Side. Provide A Vertical, Neat Saw–Cut Edge.

TRENCH BACKFILL – TYPE I FLOWABLE FILL DETAIL

Scale: None



NOTES

1. Saw Cut Existing Pavement Saw So That Cut Provides A Vertical, Neat And Uniform Edge.
2. Trench Spoil Is To Be Removed From The Work Site And Disposed Of Out Of The Right–Of–Way.

TRENCH BACKFILL – TYPE II GRANULAR FILL DETAIL

Scale: None

PAVEMENT RESTORATION TABLE	
UTILITY DEPTH RANGE (FEET)	MAXIMUM TRENCH WIDTH AT FINISHED GRADE, W (FEET)
0 TO 5	I. D. +5
5 To 8	I. D. +8
8 To 10	I. D. +10
10 TO 12	I. D. +12
12 To 14	I. D. +14
14 To 16	I. D. +16
16 To 18	I. D. +18
18 To 20	I. D. +20

I.D. = Pipe Or Conduit Inside Diameter

REVISIONS		
Rev. No.	Description	Date

DAVID LAHEY REGISTERED No. PE19700063 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	5-4-2006	DATE
APPROVED	MAYOR	6-20-06	DATE
APPROVED	STREET COMMISSIONER	6-20-06	DATE

CITY OF LEBANON

STREET CUT DETAILS

SHEET 6 OF 18

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